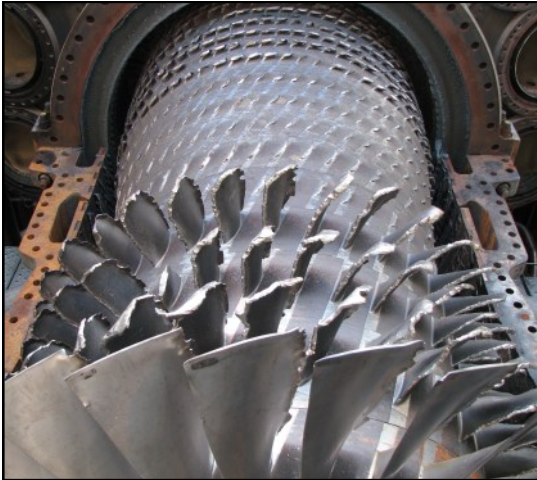




# LITIGATION SUPPORT SERVICES



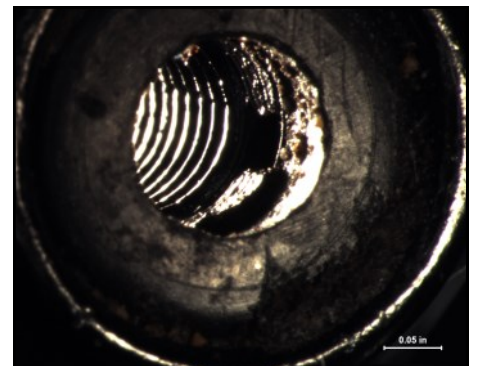
- Case Evaluation and Technical Data Review
- Test Methods Development and Planning
- Evidence Identification and Documentation
- Laboratory Testing and Documentation
- Critical Review of Test Data
- Concise “Easy-to-Understand” Reporting
- Depositions and Scientific Expert Testimony
- Secure Evidence Storage and Handling

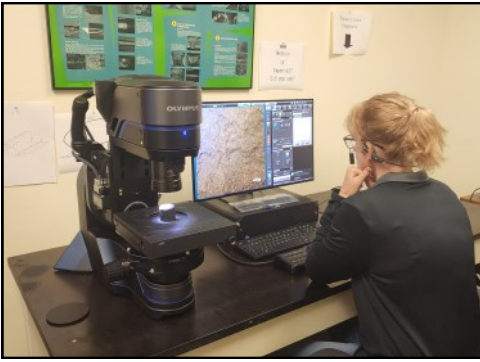
As an independent third-party laboratory, Acuren Inspection has performed thousands of formal multi-party investigations, accident investigations, and failure analyses. We have provided litigation support to insurance companies, manufacturers, industrial clients, plaintiffs, and defendants by way of documentation reviews, material evaluations, laboratory testing, technical reporting, and expert witness testimonies.

Our highly trained engineers, scientists, and laboratory technicians encompass a myriad of expertise in conducting comprehensive accident investigations and failure analyses. Most of our multidisciplinary staff of materials engineers, metallurgical engineers, mechanical engineers, and chemists hold advanced

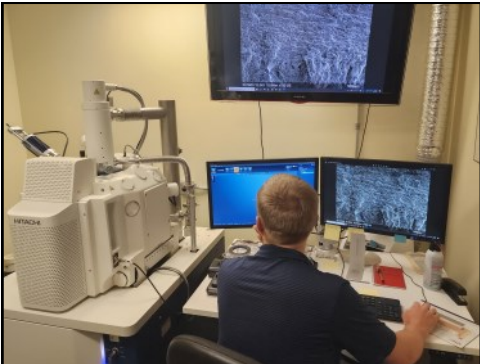
degrees and professional certifications. We are supplemented further by a network of professionals in chemical, environmental, and process engineering, as well as equipment design.

The diversity of our staff and our extensive technical experience enable us to establish the root cause of accidents or failures. Whether in the field or in the laboratory, we draw on our in-depth knowledge of the equipment and processes used in the utility, pulp and paper, petrochemical, manufacturing, and other industries, to provide our clients with the most reliable and concise test results, technical reporting, and expert testimony.





Stereomicroscope



Scanning Electron Microscope



Optical Emissions Spectroscopy



Metallograph

Acuren's laboratories have full capabilities for many types of analyses and testing. We begin with our photography stations ensuring proper indentation and documentation, disassembly and staging areas, a machine shop, hardness and microhardness testing stations, stereomicroscopes with digital cameras, metallurgical microscopes, scanning electron microscope (SEM), optical emissions spectroscopy (OES) for chemical analyses, and much more.

All cameras in the laboratory area are linked to 55" television monitors located within the laboratory area for group viewing.

Adjacent to our metallurgical laboratory is our machine shop where we perform additional testing including non-destructive examination (NDE) such as wet and dry magnetic particle inspection and dye penetrant inspection, pressure testing, electrical testing, and functionality testing.

We ensure secure evidence handling and storage, both on and off-site.

Typical laboratory support services include:

- Inventory and Photographic Documentation of Parts/Materials
- Documentation of Serial Numbers, Model Numbers, Lot Numbers, Part Numbers, etc.
- Low Magnification Examination and Photographic Documentation Using a Stereomicroscope
- Sectioning and Preparation of Specimens for Fractographic and Metallographic Examination
- Metallographic Examination of Specimens and Photographic Documentation Using a Metallurgical Microscope
- Hardness and/or Microhardness Testing of Specimens
- Scanning Electron Microscopy (SEM)/Energy Dispersive Spectroscopy (EDS) Examination
- Identification of Material Composition Using Optical Emissions Spectroscopy (OES)

Our investigations are tailored to meet your schedule, goals, and purposes, ensuring a customized approach that suits your needs.

We provide rapid response to emergencies, with personnel mobilizing to site within 24 hours for incidents such as pipeline leaks or fires. See some of our success stories [here](#).



For more information, please visit our website at [www.acuren.com](http://www.acuren.com) or contact us at [info@acuren.com](mailto:info@acuren.com).